

LISTING OF CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A Mmobile phone (1) comprising:

- communication means (3, 5) for communicating via a telephone communication network (40), the telephone communication network (40) comprising a plurality of stationary base stations (41, 42, 43, 44), the plurality of stationary base stations having a present base station;
 - detection means (3) for detecting both a strength value corresponding to ~~the~~ a strength of a signal (61) received from the present base station (44) and an identification code of the present base station (44);
 - position information reception means (2, 4) for continuously or intermittently receiving an information signal (60) of a satellite-based positioning system (31, 32, 33);
 - first computation means (2) for continuously or intermittently computing ~~the~~ a current position of the mobile phone (1) based on the information signal (60) received by the position information reception means (2, 4); and
 - first storage means (20) for storing ~~the~~ a first plurality of positions computed by the first computation means (2) as a plurality of first position values;
- ~~characterised in that the mobile phone further comprises~~
- second computation means (6) for continuously or intermittently computing the current position of the mobile phone (1) based on the strength value and the identification code detected by the detection means (3); and
 - second storage means (20) for storing ~~the~~ a second plurality of positions computed by the second computation means (6) as a plurality of second position values.

2. (Currently amended) The Mmobile phone (1) according to claim 1, ~~characterised in that~~wherein the detection means (3) is further adapted for detecting ~~the~~ a plurality of strength values of a plurality of signals (61; 62) received from a plurality of adjacent base stations (41, 42, 43) and ~~the~~ a plurality of identification codes of the plurality of adjacent base stations (41, 42, 43; 51, 52); and wherein the second computation means (6) is further adapted to use all strength values and all identification codes detected by the detection means (3) for computing the current position of the mobile phone (1).

3. (Currently amended) The Mmobile phone (1) according to claim 1 ~~or 2~~, ~~characterised in that~~wherein the mobile phone (1) further comprises ~~–~~motion calculation means (6) for calculating a direction and a velocity of motion of the mobile phone (1) based on at least two first position values and/or two second position values.

4. (Currently amended) The Mmobile phone (1) according to ~~one of the preceding~~ claims 3, ~~characterised in that~~wherein the mobile phone (1) further comprises ~~–~~position message compiling means (6) for compiling a position message comprising ~~the~~ a plurality of most current position values computed by the first and second computation means (2, 6); and wherein the communication means (3, 5) is adapted to send ~~the~~ a position message via said telephone communication network (40).

5. (Currently amended) The Mmobile phone (1) according to claim 4, ~~characterised in that~~wherein the position message compiling means (6) is further adapted to compile a motion message comprising the direction and the velocity of motion calculated by the motion calculation means,

wherein the communication means (3, 5) is adapted to send ~~the~~a motion message together with the position message via said telephone communication network~~(40)~~.

6. (Currently amended) ~~The M~~mobile phone (1) according to claim 4 ~~or~~ 5, ~~characterised in that~~wherein the position message compiling means (6) is further adapted to compile a position history message comprising a plurality of former position values computed by the first and second computation means ~~(2, 6)~~, and wherein the communication means (3, 5) is adapted to send the position history message together with the position message via said telephone communication network~~(40)~~.

7. (Currently amended) ~~The M~~mobile phone (1) according to ~~one of the preceding~~ claims 5, ~~characterised in that~~wherein the mobile phone (1) further comprises –status detecting means (6) for detecting a plurality of settings and a status of the mobile phone~~(1)~~; and –status message compiling means~~(6)~~ for compiling a status message comprising the plurality of settings and the status information detected by the status detecting means~~(6)~~; and wherein the communication means (3, 5) is adapted to send the status message via said telephone communication network~~(40)~~.

8. (Currently amended) ~~The M~~mobile phone (1) according to ~~one of the preceding~~ claims 1, ~~characterised in that~~wherein the mobile phone (1) further comprises –status setting means (6) for setting a plurality of settings and a status of the mobile phone~~(1)~~; wherein the status setting means (6) are adapted to set the plurality of settings and the status of the mobile phone (1) based on a message received via the telephone

communication network ~~(40)~~, and wherein the message comprises ~~ing~~ an authorisation code.

9. (Currently amended) The Mmobile phone ~~(1)~~ according to ~~one of the claims 4 to 87,~~

~~characterised in that~~ wherein

the position message and/or motion message and/or status message is sent to a service centre ~~(70)~~ based on a request of the service centre ~~(70)~~ received by the communication means ~~(3, 5)~~ of the mobile phone ~~(1)~~ via the telephone communication network ~~(40)~~.

10. (Currently amended) The Mmobile phone ~~(1)~~ according to ~~one of the claims 4 to 9,~~

~~characterised in that~~ wherein

the position message and/or motion message and/or status message is sent to an authorised person based on a request of the authorised person received by the communication means ~~(3, 5)~~ via the telephone communication network ~~(40)~~.

11. (Currently amended) The Mmobile phone ~~(1)~~ according to claim 9 ~~or 10,~~

~~characterised in that~~ wherein

the request is filed as a request message which comprises an authorisation code.

12. (Currently amended) The Mmobile phone ~~(1)~~ according to claim 11,

~~characterised in that~~ wherein

the request is filed as a request message which further comprises a message identification code for identifying the requested message.

13. (Currently amended) The Mmobile phone ~~(1)~~ according to claim 11 ~~or 12,~~

~~characterised in that~~ wherein

the request is filed as a special format short message service message,; and

wherein the position message and/or motion message and/or status message is filed in the ~~short message services~~special format short message service message.

14. (Currently amended) The Mmobile phone (1) according to ~~one of the claims 4 to 10,~~

~~characterised in that~~wherein the mobile phone (1) further comprises

~~—an emergency button (25);~~

wherein the position message and/or motion message and/or status message is automatically sent to a~~the~~ service centre (70) and/or an emergency call number and/or ~~a~~an~~the~~ authorised person based on an operation of the emergency button ~~(25)~~.

15. (Currently amended) The Mmobile phone (1) according to ~~one of the claims 9 to 14,~~

~~characterised in that~~wherein the phone (1) ~~phone~~ further comprises

~~—an emergency button (25); and~~

~~—alarm mode performing means (6), wherein the alarm mode performing means (6) is adapted to:~~

terminate any telephone connection besides a telephone connection with ~~a~~the service centre (70) or ~~a~~an~~the~~ emergency call number or ~~a~~an~~the~~ authorised person;

send the position message and/or motion message and/or status message to the service centre and/or the emergency call number and/or the authorised person;

and

automatically answer a phone call of the service centre (70) and/or ~~a~~an~~the~~ emergency call number and/or ~~a~~an~~the~~ authorised person;

based on ~~a~~an~~the~~ operation of the emergency button ~~(25)~~.

16. (Currently amended) The Mmobile phone (1) according to claim 15,

~~characterised in that~~wherein the mobile phone (1) further comprises

~~—a hands free set means (12, 13, 15);~~

wherein the alarm mode performing means (6) is further adapted to automatically activate the hands free set means (12, 13, 15) based on ~~an~~ the operation of the emergency button (25).

17. (Currently amended) The Mmobile phone (1) according to claim 15 ~~or 16~~,
~~characterised in that~~ wherein
the alarm mode performing means (6) is further adapted to
–emit an alarm signal via a loud speaker (14, 15, 16) of the mobile phone (1) based
on ~~an~~ the operation of the emergency button (25).

18. (Currently amended) The Mmobile phone (1) according to claim 15, 16 ~~or 17~~,
~~characterised in that~~ wherein
the alarm mode performing means (6) is further adapted to
–disable any keys (10) or a touchscreen (11) of the mobile phone (1) based on ~~an~~ the
operation of the emergency button (25).

19. (Currently amended) The Mmobile phone (1) according to ~~one of the claims 15 to~~
~~48~~,
~~characterised in that~~ wherein
the alarm mode performing means (6) is further adapted to
–resend the position message and/or motion message and/or status message to the
service centre (70) and/or ~~an~~ the emergency call number and/or ~~an~~ the authorised
person if no call is received from the service centre (70) and/or the emergency call
number and/or ~~an~~ the authorised person in a first predetermined time period after
operation of the emergency button (25).

20. (Currently amended) The Mmobile phone (1) according to ~~one of the claims 15 to~~
~~49~~,
~~characterised in that~~ wherein
the alarm mode performing means (6) is further adapted to

–automatically establish a phone connection to the service centre (70) and/or the emergency call number and/or ~~an~~the authorised person if no call from the service centre (70) and/or the emergency call number and/or an authorised person is received in a second predetermined time period after operation of the emergency button (25).

21. (Currently amended) The Mmobile phone (1) according to ~~one of the claims 15 to 20,~~

~~characterised in that~~wherein

the alarm mode performing means (6) is further adapted to

–automatically switch the mobile phone (1) on if it is in an off-state during the operation of the emergency button (25).

22. (Currently amended) The Mmobile phone (1) according to ~~one of the preceding claims 15,~~

~~characterised in that~~wherein

the alarm mode performing means (6) is further adapted to allow a termination of the alarm mode only on receipt of a reset message by the communication means (3, 5) via the telephone communication network (40), and wherein the reset message comprises ing a reset authorisation code.

23. (Currently amended) The Mmobile phone (1) according to ~~one of the preceding claims 1,~~

~~characterised in that~~wherein the mobile phone (1) further comprises:

–a microphone (13);₁

–an earphone speaker (14) for handset telephone communication;₁ and

–an additional speaker (15) on ~~the~~a backside of the mobile phone (1) for hands free telephone communication;₁

and wherein the microphone (13) is used for both handset and hands free telephone communication.

24. (Currently amended) The Mmobile phone (1) according to ~~one of the preceding~~ claims 1,

~~characterised in that~~ wherein the mobile phone (1) further comprises

—display means (8, 9) for showing information; and

—read out means (6, 12, 14, 15) for automatically read out information shown by the display means (8, 9) based on a text to speech algorithm via a speaker (14, 15) of the mobile phone (1).

25. (Currently amended) The Mmobile phone (1) according to ~~one of the preceding~~ claims 1,

~~characterised in that~~ wherein the mobile phone (1) further comprises

—self-test means (6, 12) ~~being~~ adapted to output a plurality of tones of specified frequency and level to at least one speaker (14, 15) or at least one buzzer (16) of the mobile phone (1) and to measure the input level of a microphone (13) of the mobile phone (1).

26. (Currently amended) A Mmobile phone (1) comprising:

—communication means (3, 5) for communicating via a telephone communication network (40); and

—status detecting means (6) for detecting a plurality of settings and a status of the mobile phone (1); and

~~characterised in that~~ the mobile phone (1) further comprises

—status message compiling means (6) for compiling a status message comprising the plurality of settings and the status information detected by the status detecting means (6);

wherein the communication means (3, 5) is adapted to send the status message via said telephone communication network (40) to a service centre or an authorised person.

27. (Currently amended) The Mmobile phone (1)-according to claim 26,
~~characterised in that~~ wherein the mobile phone (1)-further comprises
–status setting means (6)-for setting the plurality of settings and the status of the
mobile phone (1);
wherein the status setting means (6)-are adapted to set the plurality of settings and
the status of the mobile phone (1)-based on a message received via the telephone
communication network-(40), and wherein the message comprisesing an
authorisation code.

28. (Currently amended) A Mmobile phone (1)-comprising:
–communication means (3, 5)-for communicating via a telephone communication
network-(40);
–a microphone-(13); and
–an earphone speaker (14)-for handset telephone communication; and
~~characterised in that the mobile phone (1) further comprises~~
–an additional speaker (15)-on ~~the~~ a backside of the mobile phone (1)-for hands free
telephone communication;
wherein the microphone (13)-is used for both handset and hands free telephone
communication.

29. (Currently amended) A Mmobile phone (1)-comprising:
–communication means (3, 5)-for communicating via a telephone communication
network-(40); and
–display means (8, 9)-for showing information; and
~~characterised in that the mobile phone (1) further comprises~~
–read out means (6, 12)-for automatically read out information shown by the display
means (8, 9)-based on a text to speech algorithm via a speaker (14, 15)-of the
mobile phone-(1).

30. (Currently amended) A Mmobile phone (1)-comprising:

- communication means ~~(3, 5)~~ for communicating via a telephone communication network ~~(40)~~;
- a microphone ~~(13)~~;
- a speaker ~~(14, 15)~~; and
- self-test means;

~~characterised in that~~

wherein the self-test means ~~(6)~~ are adapted to output a plurality of tones of specified frequency and level to at least one speaker ~~(14, 15)~~ or at least one buzzer ~~(16)~~ of the mobile phone ~~(1)~~ and to measure ~~the~~ an input level of the microphone ~~(13)~~ of the mobile phone ~~(1)~~.

31. (Currently amended) A ~~D~~ocking station for a mobile phone ~~(1)~~ preferably according to one of the preceding claims comprising:

- holding means for mechanically holding the mobile phone ~~(1)~~ in a stable position;
- contact means to provide electrical contact between the docking station and the mobile phone ~~(1)~~; and
- power supply means to load a battery ~~(48)~~ of the mobile phone ~~(1)~~ via said contact means; and

~~characterised in that~~ the docking station further comprises

–ID storing means to store an individual identification code of the docking station, wherein the individual identification code of the docking station is provided to the mobile phone ~~(1)~~ via said contact means.

32. (Currently amended) The ~~D~~ocking station according to claim 31,

~~characterised in that~~ wherein the docking station further comprises

- data bus connection means to provide electrical contact between a data output means of the docking station and the mobile phone ~~(1)~~.

33. (Currently amended) Docking station according to claim 30 ~~or 31~~,

~~characterised in that~~ wherein the docking station further comprises

–audio connection means to provide electrical contact between an audio input/ output means of the docking station and the mobile phone (4).